

Figure 1

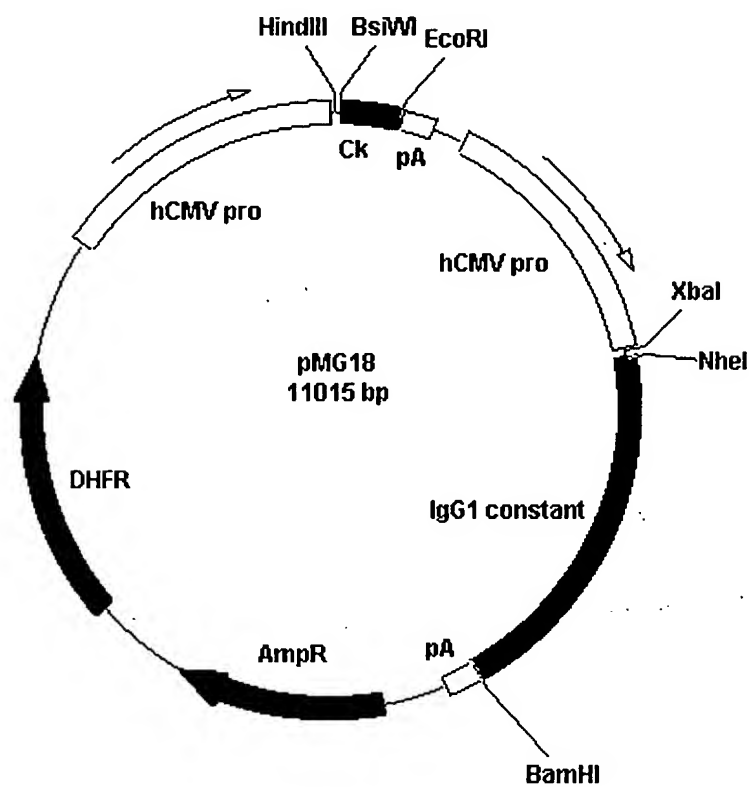


Figure 2

Heavy chain

	1	10	20	30	40	50
mSM5-1VH	EVQLQQSGPELVKPGASVKMSCKASGYTFT [SYVMH] WVKQKPGQGLDWIG [Y					
KOL	QVQLVESGGGVVQPGRSLRLSCSSSGFIFS [SYAMY] WVRQAPGKGLEWVA [I					
ReSMVH	-----Q-----KA--YT-T [--V-H] -----IG [Y					

	a	60	70	80	a b c	90
mSM5-1VH	IVPYNDGTKYNEKFKG] KATLTSDKSSSTAYMELSRLTSEDSAVYYCVY [GS					
KOL	IWDDGSDQHYADSVKG] RFTISRDNKNTLFLQMDSLRPEDTGVYFCAR [DG					
ReSMVH	-VPYNDGTK-NEKF--] -----S-K--S-A-----A--y--- [GS					

	100 a b	110
mSM5-1VH	RYDWYL	DV] WGAGTTVTVSS
KOL	GHGFCSSASCFGPDY] WGQGTPTVTVSS	
ReSMVH	RYDWYL	--] -----

Light chain

	1	10	20	30	40
mSM5-1VL	NIMMTQSPSSSLAVSAGEKVTMSC [KSSQSVLYSSNQKNYLA] WYQQKPGQSP				
REI	DIQMTQSPSSSLASVGDRTVITC [QASQDI IK YLN] WYQQTPGKAP				
ReSMVL	N-M----- [KS--SVLYSSNQKN--A] -----				

	50	60	70	80	90
mSM5-1VL	KLLIY [WASTRES] GVPDRFTGSGSGTDFTLTISVQAEDLAVYYC [HQYFSS				
REI	KLLIY [EASNLQA] GVPSRFSGSGSDYFTFTISLQPEDATYYC [QQYQSL				
ReSMVL	----- [W--TRES] ----- [H--F-S				

	100
mSM5-1VL	YT] FGSGTKLEIKR
REI	PYT] FGQGTKLQITR
ReSMVL	--] -----

Figure 3

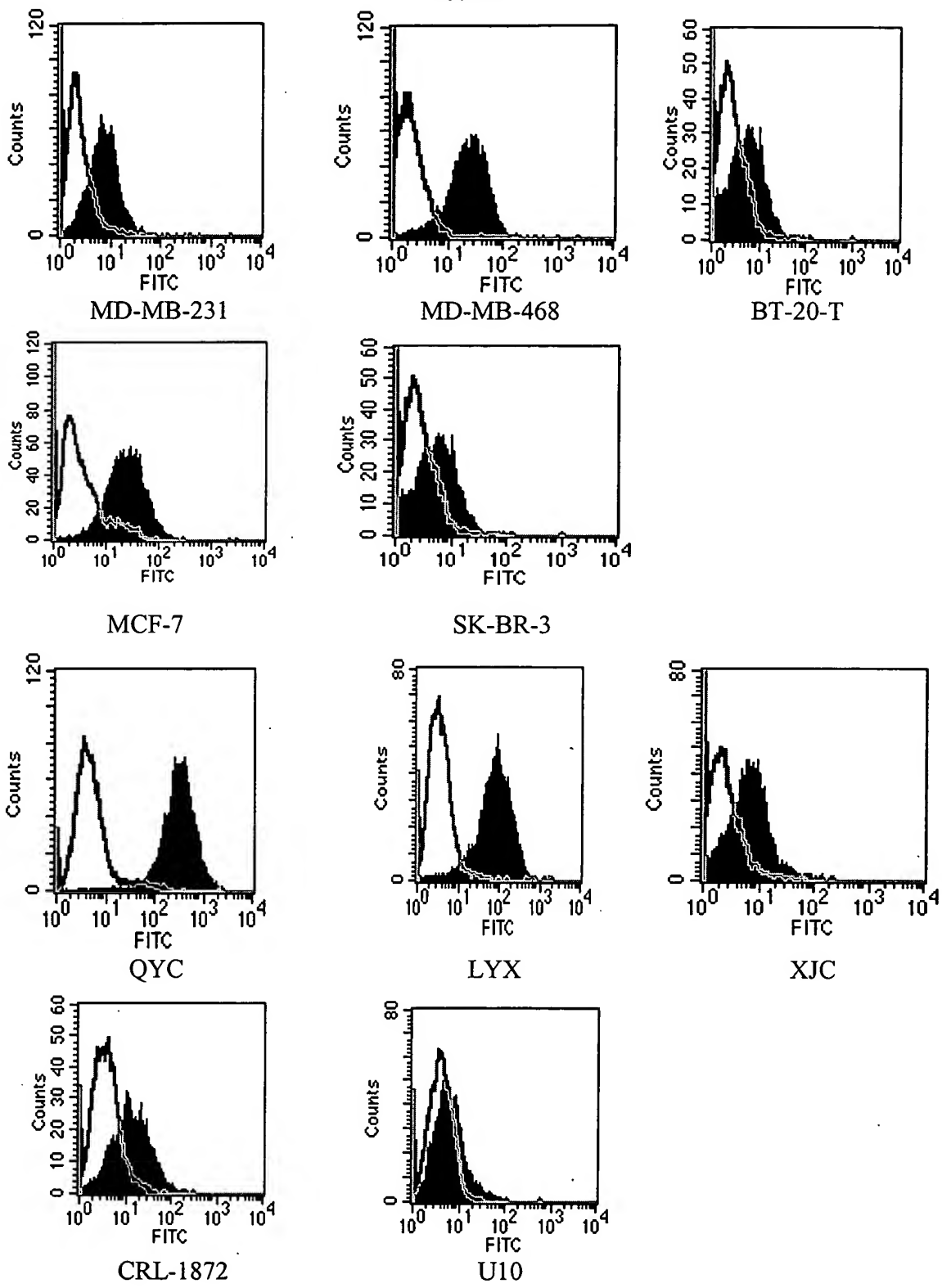


Figure 4
Western Blots

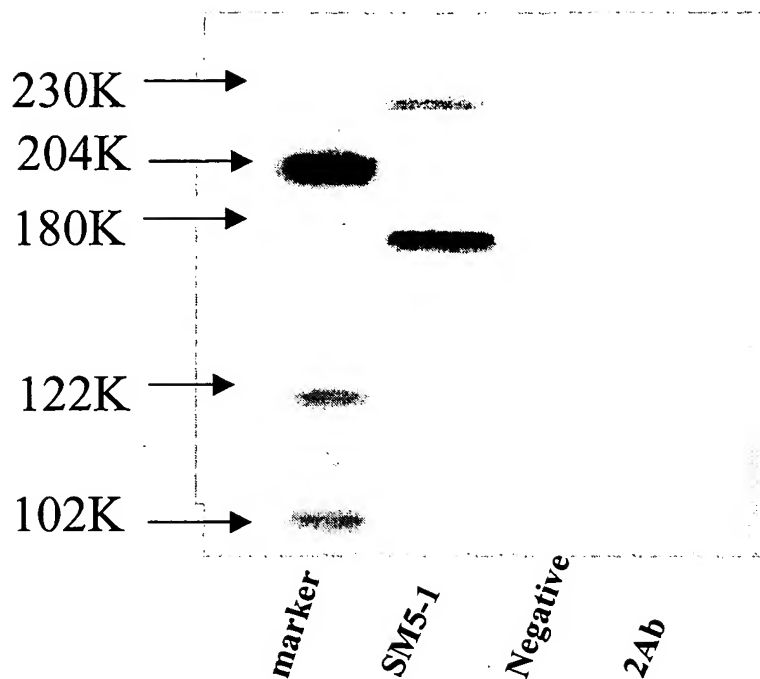


Figure 5

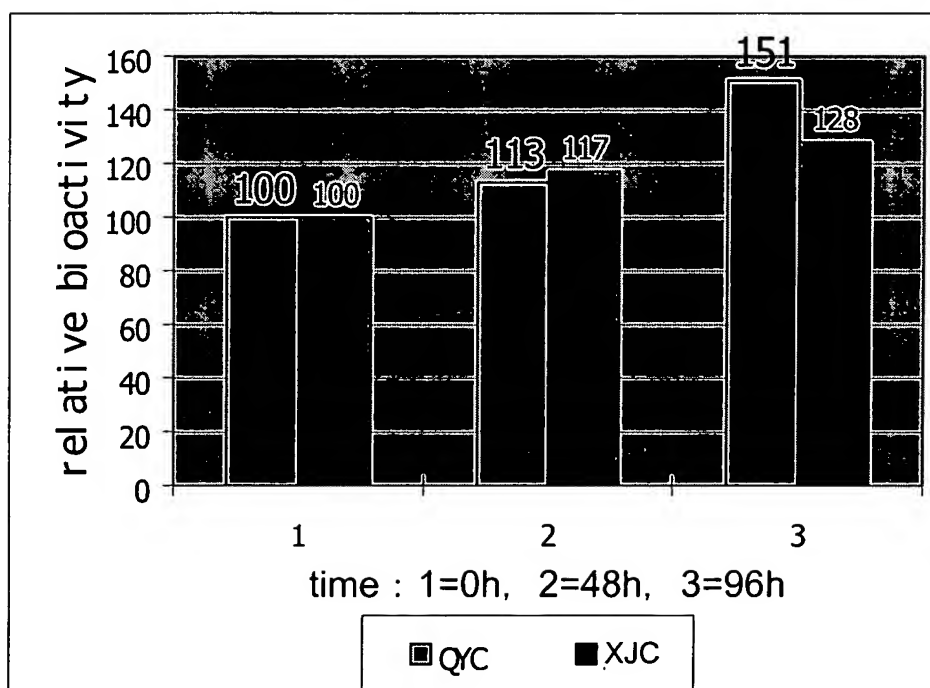
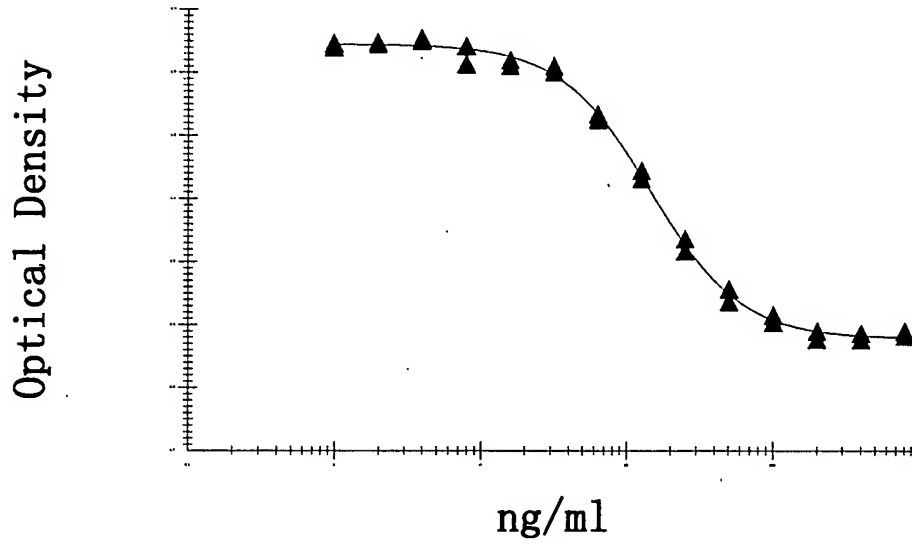


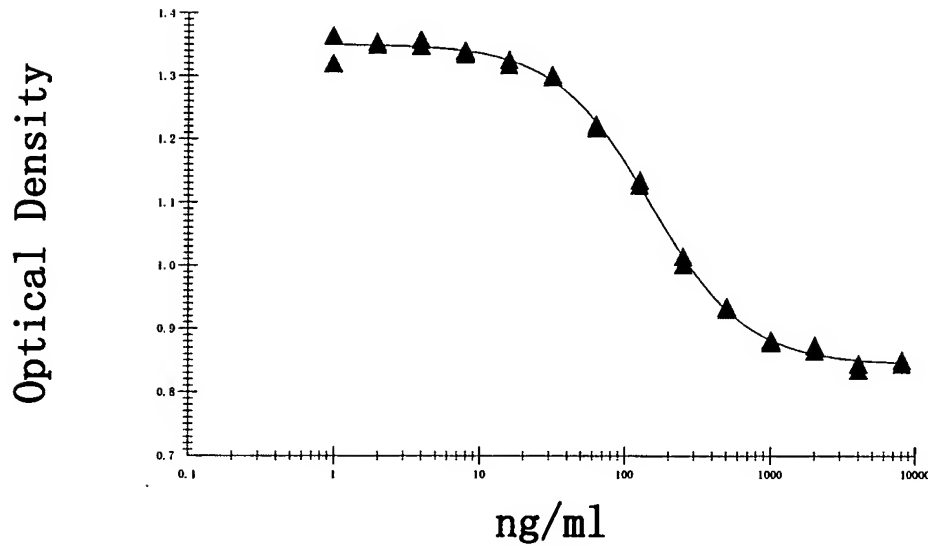
Figure 6

$$Y = (1.34 - 0.878) / (1 + (X/145)^{1.4}) + 0.878$$



A

$$Y = (1.35 - 0.844) / (1 + (X/148)^{1.31}) + 0.844$$



B

Figure 7

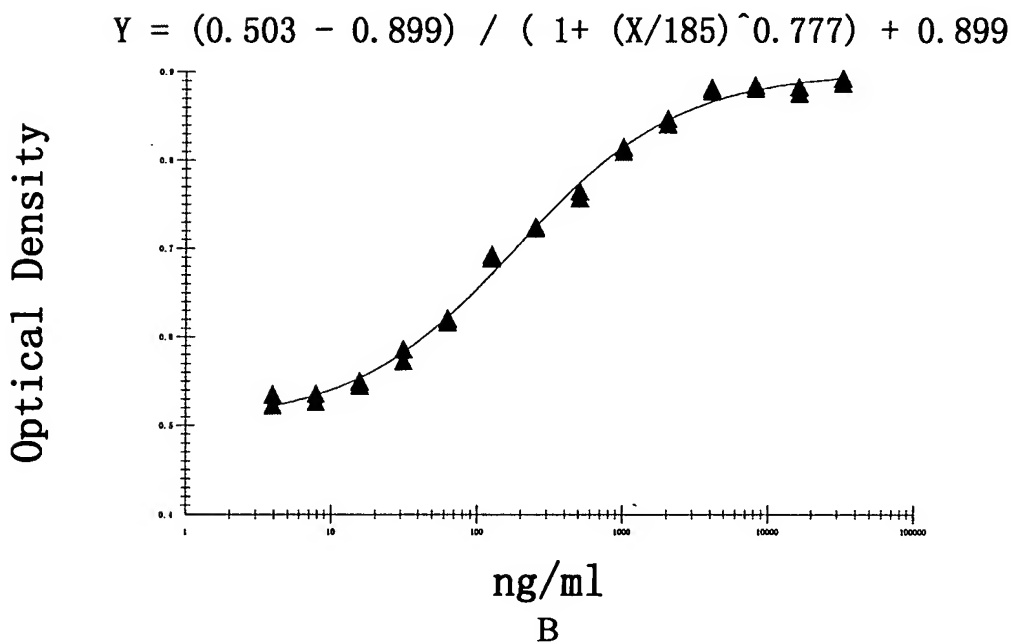
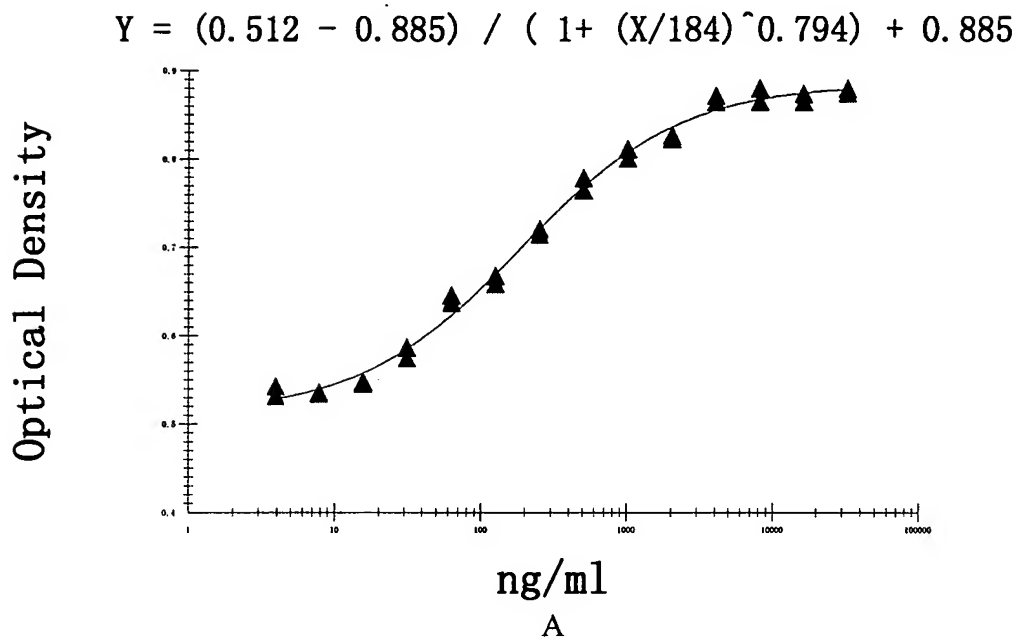
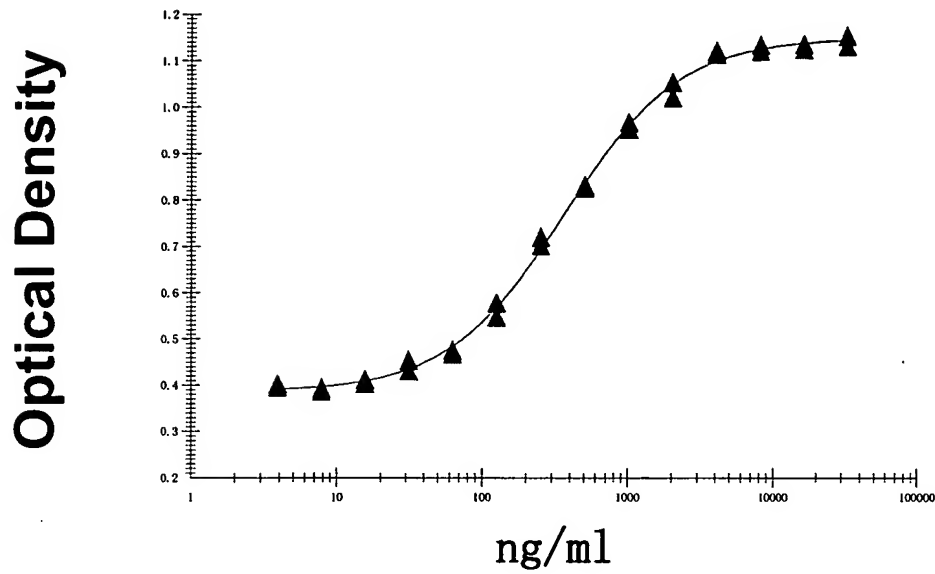


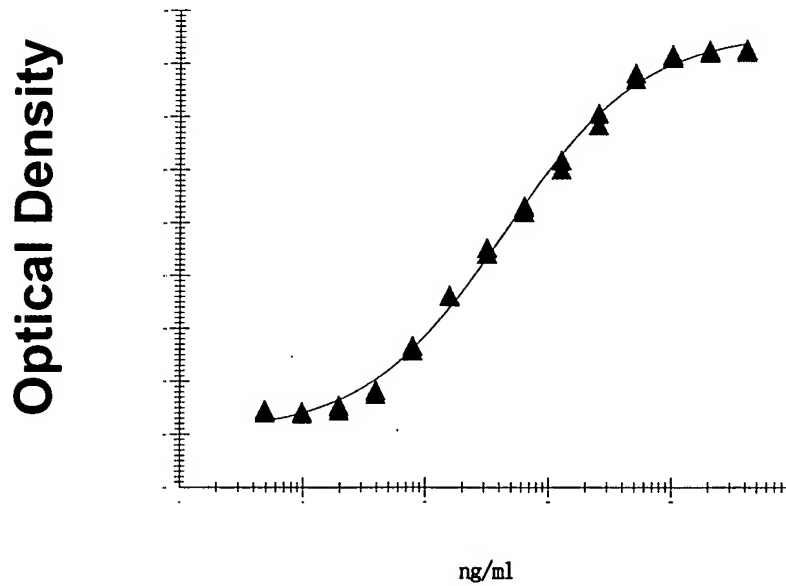
Figure 8

$$Y = (0.386 - 1.15) / (1 + (X/358)^{1.1}) + 1.15$$



A

$$Y = (0.402 - 1.16) / (1 + (X/432)^{0.775}) + 1.16$$



B

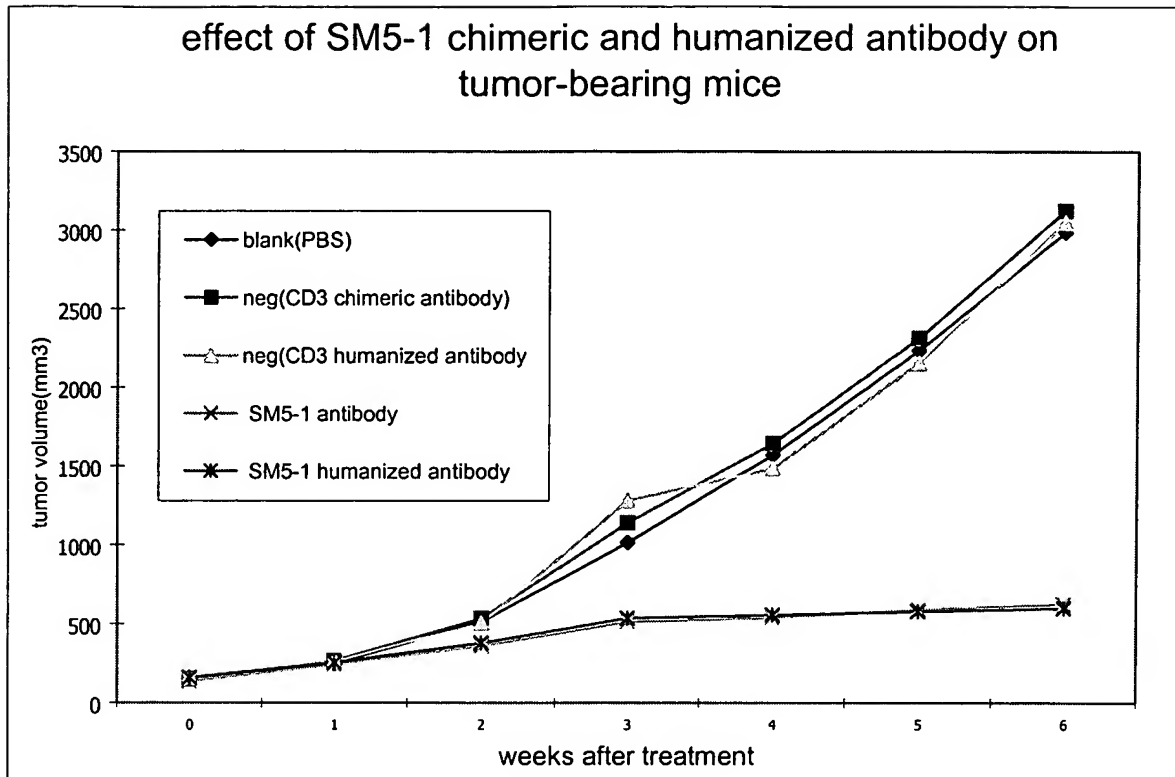
Figure 9

Figure 10